



*Kurtluk River viewed from the southeast.*

Map

Legend

FO-S

Free-oil Recovery

EX

Exclusion Booming

Protected-water Boom

Tidal-seal Boom

# Geographic Response Strategies for Bristol Bay Subarea, Northern Zone

## *Kurtluk River, BB-N04*

Center of map at 59° 01.15' N Lat., 160° 28.57' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-04-01 <div>EX</div>	<b>Qurlluq (Kurtluk) River</b>  Lat. 59° 01.41'N Lon. 160°28.84'W	Exclusion  Exclude oil from impacting the Kurtluk River.	Deploy anchors and boom with skiffs (class 6) at high tide.  Place protected-water boom in a chevron pattern in front of the entrance to the river. Complete the array by placing 60 ft. of tidal seal boom on each leg.  Tend throughout the tide.	<b>Deployment Equipment</b> 300 ft. protected-water boom 120 ft. tidal seal boom 3 ea. anchor systems 4 ea. anchor stakes <b>Vessels</b> 2 ea. class 6 <b>Personnel/Shift</b> 4 ea. vessel crew/general techs <b>Tending Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew/general techs	Togiak	Via marine waters  Chart 16305	Fish- intertidal spawning-salmon (June-Sept.) herring.  Birds-waterfowl, seabird and shorebird nesting  Habitat- exposed rocky shore, marsh, exposed tidal flats  Human use-subsistence, commercial fishing	Vessel master should have local knowledge.  Title 41 permitting required from ADNR.  A large population of bears are in this area. Bear guard required.  Surveyed: not yet  Tested: not yet
N-04-02 <div>FO-S</div>	<b>Qurlluq (Kurtluk) River</b> Nearshore waters in the general area of:  Lat. 59° 01.15"N Lon. 160°28.57'W	<b>Free-oil Recovery</b>  Maximize free-oil recovery in the offshore & nearshore environment of Kurtluk River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Kurtluk River.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Togiak	Via marine waters  Chart 16305	Same as N-03-01	Vessel master should have local knowledge.  Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: [http://dec.alaska.gov/spar/perp/plans/scp\\_bb.htm](http://dec.alaska.gov/spar/perp/plans/scp_bb.htm).